

Aster Medcity doctors successfully perform resection for Klippel Trenaunay's Syndrome

28 March 2019 | News

As the patient's lesions were not easily manageable by intervention radiology approach, he was advised surgery.



In a rare surgery, doctors at Aster Medcity have successfully resected last part of colon and rectum of a 43-year-old male patient, who was suffering from Klippel Trenaunay's Syndrome with intractable rectal bleed, using laparoscopy. Klippel Trenaunay's Syndrome, a rare congenital vascular disorder, is characterised by three clinical syndromes- port-wine stain, varicose veins and bony and soft tissue hypertrophies. The surgery was performed by a medical team led by Dr. Prakash K., Senior Consultant, Aster Medcity Kochi.

The patient in his childhood, had undergone multiple surgeries for arteriovenous malformations (AVMs) in his right lower limb. He was diagnosed with Klippel Ternaunay syndrome involving lower limb, distal rectum, anal canal perineum and spleen. The patient had been passing a large amount of blood in his stools with each bowel movement for the past three-four years and required three-four units of blood transfusions every month.

On evaluation, a contrast CT scan showed varicosities and AVMs in the right lower limb and gluteal region and multiple dense varicosities and AVMs around the rectum. As the patient's lesions were not easily manageable by intervention radiology approach, he was advised surgery. The resection was successfully performed with the help of vessel sealing devices and done without a stoma. The patient has made an uneventful recovery after the surgery.

Rectal bleed in Klippel-Trenaunay syndrome is unusual and as per the medical literature only nine such cases have been successfully managed through surgery, according to the medical team. The laparoscopic approach was reported only in a couple of cases. The medical team further said that the excellent result in successfully managing the case s is also an example of multidisciplinary team approach as well as technical expertise in laparoscopic surgery supported by excellent equipment and infrastructure in managing such cases at Aster Medcity.

Set in a 40-acre waterfront campus, Aster Medcity, Kochi is a 670-bed JCI and NABH accredited quaternary care facility with one Multispeciality Hospital and ten dedicated Centres of Excellence in Cardiac Sciences, Neurosciences, Orthopaedics &

Rheumatology, Nephrology & Urology, Oncology, Women's Health, Child & Adolescent Health, Gastroenterology & Integrated Liver Care, Multi-Organ Transplant and Minimal Access Robotic Surgery. One of India's most advanced healthcare destinations, Aster Medcity lives by its simple promise: We'll Treat You Well.

The specialised units at Aster Medcity include the Centre for Fertility which offers comprehensive infertility management and ART (Assisted Reproductive Technology) services; Aster KIND (Kids Integrated Neurodevelopmental Centre) for holistic management of developmental and neurological problems in children; FASTER 24-hour on-call hyperacute stroke clinic and Centre for Integrated Medicine that combines Ayurveda and traditional healing therapies like Yoga to provide sustained physical and mental wellbeing.

Spearheaded by Dr. Azad Moopen, Aster Medcity is the flagship initiative of Aster DM Healthcare, a global healthcare group with 350+ medical establishments across 9 countries.